

DOE Industrial Technologies Program

E-Bulletin

A Monthly Update from the U.S. Department of Energy Industrial Technologies Program

July 2004

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Welcome to this edition of the *E-Bulletin*—your connection to news and resources from DOE's Industrial Technologies Program (ITP). Each monthly edition brings you the latest industrial news highlights, and announcements about new tools and resources, training, events, and project opportunities.

Read the *E-Bulletin* and tap into opportunities to improve industrial energy efficiency today...and tomorrow!

HEADLINES

Forest Products and Chemical Solicitation Awards Announced

ITP supports industry in its efforts to increase energy efficiency and productivity, and reduce waste. Through [Solicitations](#), ITP seeks opportunities to partner with industry in cost-shared R&D projects that develop and commercialize new, energy-efficient technologies.

DOE recently announced the selection of [eight projects](#) focused on developing new approaches and methods that will foster and commercialize energy-efficient technologies within the [Forest Products](#) Industry. These projects will develop new or improved wood/composite and fiber recycling technologies and new forest-based materials.

Also announced were the selection of [six awardees](#) for a solicitation seeking projects that will foster and commercialize energy-efficient technologies within the [Chemicals](#) Industry. These innovations could increase productivity and energy efficiency, and reduce costs in chemical plants within the United States.

New! Partnering for Success Web Page Highlights Industry Partners

The new [Featured Partner](#) Web page highlights more than 70 companies collaborating with ITP in a wide range of activities that advance energy efficiency technologies. These organizations and descriptions of their joint projects with ITP were first presented in the publication, [Partnering for Success](#). View the Featured Partners on-line and read the details of their collaboration with DOE toward improved energy practices.

Energy Matters Goes Electronic

The content is the same, it publishes just as often, and it's still yours for the asking. Now you can have *Energy Matters* delivered to you electronically, which makes it even easier for you to stay current on the latest energy efficiency topics from ITP. By converting your subscription to our all-electronic version, we'll send you an e-mail when the newsletter is published and provide a clickable link to the newest issue! Plus, you'll enjoy full access to the *Energy Matters* article library, putting its archive of energy efficiency information just a mouse-click away! [Sign up today.](#)

Qualified Specialists Find Ways to Improve System Efficiency and Save Money

Industry professionals can become experts in the use of ITP BestPractices software tools and earn recognition as Qualified Specialists. Participants who attend ITP's 2-1/2 day training and pass the written exam become Qualified Specialists, who assist industrial customers in using the AirMaster+, PSAT, Steam, and PHAST software tools to evaluate and identify ways to improve system efficiency. [Find out more.](#)



U.S. Department of Energy

Energy Efficiency and Renewable Energy

Bringing you a prosperous future where energy is clean, abundant, reliable, and affordable

NEW PRODUCTS AND RESOURCES FROM ITP

ITP offers technical publications, software tools, and other resources to help address your company's industrial energy needs. Here are the latest products from ITP:

Energy Matters and Energy Matters Extra Spring 2004 Issue

The Spring 2004 issue of [Energy Matters](#) is now available! In this issue, *Energy Matters* focuses on plant-wide assessments, highlighting the assessment process and some of the strategies that industrial plants around the country have successfully implemented. Also included is an article on optimizing energy-saving opportunities through mechanical insulation. Log on to [Energy Matters Extra](#) to find even more information on the topics covered in this issue of *Energy Matters*.

Case Studies

[Plant-Wide Assessment at Chevron Refinery Finds Potential for \\$4.4 Million Annual Savings](#) near Salt Lake City, Utah. This energy efficiency study identified ways to recover hydrocarbons from the fuel gas system and sell them. By completing a debutanizer upgrade and a saturated glass plant project, Chevron predicts annual natural gas savings of 25,000 MMBtu and yearly cost savings of \$4.4 million.

[Procter & Gamble: Compressed Air System Upgrade Saves Energy and Improves Production at a Paper Mill](#) in Mehoopany, Pennsylvania. The mill optimized its compressed air system, improving efficiency, increasing production, and saving 7.6 million kWh per year in electricity, and \$309,000 in maintenance and compressed air energy costs.

Visit the [ITP Web site](#) for more *BestPractices* technical publications, software tools, and case studies to help you improve efficiency, productivity, and the bottom line.

TRAINING

Boost your knowledge about managing industrial energy systems. ITP offers technical training in industrial energy systems, which is offered throughout the year and around the country. Here are upcoming training events for June 2004:

July 13, 2004	Steam System Specialist Qualification	Indianapolis, IN
July 21, 2004	AirMaster+ Specialist Qualification	San Diego, CA
July 27, 2004	Fundamentals of Compressed Air Systems	Irwindale, CA
July 28, 2004	Steam System Improvement	Downey, CA

More July trainings

View the [ITP calendar](#) for upcoming workshops in your area. Learn more about [BestPractices training sessions](#) and system [software tools](#).

PROJECT OPPORTUNITIES

ITP awards cost-shared funding for R&D and plant assessment projects through a competitive merit review process. Following is information on current and future solicitations:

Plant-wide Assessment Financial Opportunity closes for FY2004: Prepare for FY2005 Opportunity

ITP's solicitation for public-private partnerships to conduct plant-wide assessments will close on July 9, 2004. If you missed this call for innovative plant-wide assessment proposals, don't worry; you'll have another opportunity in FY2005. DOE expects the next call for plant-wide assessments to be early in the calendar year of 2005. So start putting your teams together now, and check the [BestPractices Solicitation](#) page for the next announcement.

To learn more about project opportunities visit [ITP's solicitation page](#).

Related Web Links

Industrial Technologies Program	DOE Office of Energy Efficiency and Renewable Energy
U. S. Department of Energy	Climate VISION Energy Savers